

REMARKS

This is in response to the Office Action of May 11, 2009. Claims 1-7, 9-13, and 15-27 are pending in the application. Claim 27 is amended, based upon such disclosure as that in the paragraph bridging pages 45-46 of the specification ("The polyamine may have any number of amino groups (functional amino groups) other than tertiary amino group in the molecule, as long as it has at least two such functional amino groups"). No new matter is introduced by this Amendment.

Restriction

Applicants' position with respect to the issue of restriction in this application is set forth in a Petition under 37 CFR 1.144 filed concurrently herewith.

Formal rejection

Claim 27 was rejected under the second paragraph of 35 U.S.C. § 112 as failing to define the invention properly. Office Action, page 3. It is respectfully submitted that this ground of rejection is overcome by the above amendment of claim 27.

Prior art rejection

Claim 27 was rejected under 35 U.S.C. § 103(a) as being unpatentable over WO 93/23490 in view of Frisch and Hansen or Barron, each further in view of Stuart. Office Action of June 19, 2008, page 2 4-7. The rejection is respectfully traversed. The present invention provides a method using a water-based silylated urethane composition, a water-based adhesive for wrapping, and a water-based contact adhesive which have high safety, develop satisfactory tackiness in a short time, and exhibit excellent initial bond strength. The present invention also provides a method using a water-based silylated urethane composition, a water-based adhesive for wrapping, and a water-based contact adhesive which exhibits productivity equivalent to that provided by a comparable solvent-based adhesive. The water-based silylated urethane

compositions of this invention have a high curing rate, develops satisfactory tackiness in a short time, and has excellent initial adhesion properties (such as initial bond strength and initial adherence), even though it is water-based. The water-based silylated urethane compositions of the present invention can be used as a water-based adhesive for wrapping and water-based contact adhesives. The present adhesives are water-based adhesives and thereby have excellent handle-ability and workability. They are, moreover, highly safe with respect to the human body and they are environmentally "friendly." The water-based silylated urethane compositions of the present invention develop good bond strength and/or adherence, not only to porous materials such as paper, but also to nonporous materials such as metals and glass. There is no teaching or suggestion in any of WO 93/23490, Frisch, Hansen, Barron, and/or Stuart with respect to any of the aforementioned objects, effects, and advantageous uses as a water-based adhesive for wrapping and as a water-based contact adhesive. Accordingly – since the compositions of the present invention are not enabled or placed into the possession of the public by the prior art – the present invention is clearly patentable.

Contact information

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Richard Gallagher (Reg. No. 28,781) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

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Respectfully submitted,

By 

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